

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on:

March 17, 2006, 17:50:39 ; Search time 193 Seconds

(without alignments)
2160.469 Million cell updates/sec

Title: US-10-667-281-2

Perfect score: 5183

Sequence: 1 GNAERPGSRSGFGPVTLLL.....CDPLKKPKHIDFCTWAECS 949

Scoring table: BLASTM2

Gapext 10.0 , Gapext 0.5

Searched: 2443163 seqs, 43937871 residues

Total number of hits satisfying chosen parameters: 2443163

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

post-processing: Minimum Match 0% Maximum Match 100%

Listing first 10 summaries

Database : A_Geneseq 21;*

1: geneseq21980s:*

2: geneseq21990s:*

3: geneseq22000s:*

4: geneseq22018s:*

5: geneseq22002s:*

6: geneseq22013s:*

7: geneseq22013bs:*

8: geneseq22005s:*

9: geneseq22005s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	5183	100.0	949	7 ADG72483
2	5183	100.0	949	9 ADZ21014
3	5183	100.0	949	9 ADZ21015
4	5174	99.8	950	8 ADZ20218
5	5174	99.8	950	8 ADQ39942
6	5174	99.8	950	9 AEC01581
7	5174	99.8	967	8 ADQ39940
8	5174	99.8	967	8 ADQ39941
9	5174	99.8	967	9 ADY54944
10	5169	99.7	950	2 AY49501

ALIGNMENTS

RESULT 1	ADG72483 standard; protein; 949 AA.
XX	AC
XX	DT
XX	DE
XX	Human aggrecanase (ADAMTS-1).

XX	Human; aggrecanase; ADAMTS-1; rheumatoid arthritis; osteoarthritis;
KW	antiarthritic; osteopathic; enzyme.
XX	Homo sapiens.
OS	
XX	
PN	US6649377-B1.
XX	18-NOV-2003.
PD	
XX	09-MAY-2000; 2000US-00568559.
PR	10-MAY-1999; 990US-0133343P.
XX	(SYNT) SYNTEX USA LLC.
PA	
XX	Allard JD, Ileller RA, Klonowski P, Vanwart HE;
PI	
XX	DR N-PSDB; ADG72482.
PR	WPI; 2003-886162/82.
PS	
XX	New nucleic acid present in other than its natural environment, useful for preparing a composition for diagnosing or treating diseases associated with aggrecanase activity, e.g. rheumatoid arthritis or osteoarthritis.
PT	
XX	Disclosure; SEQ ID NO 2; 26pp; English.
CC	The present invention relates to the isolation of human aggrecanase (ADAMTS-1), and the polynucleotide sequence encoding it. Also disclosed are a method of producing aggrecanase in vitro. The polynucleotide sequence encoding aggrecanase is useful for preparing a composition for diagnosing or treating diseases associated with aggrecanase activity e.g. rheumatoid arthritis or osteoarthritis. The present sequence represents human aggrecanase.
CC	
CC	Sequence 949 AA;
CC	Query Match 100%; score 5183; DB 7; length 949; Best Local Similarity 100%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
CC	Matches 949; Conservative 0; Misnatches 0;
QY	1 GNAERPGSRSGFGPVTLLL.....CDPLKKPKHIDFCTWAECS 949
Db	1 GNAERPGSRSGFGPVTLLL.....CDPLKKPKHIDFCTWAECS 949
QY	61 HAEDQODDLELRDSDSTLAPGLTQLNGTRKGSSETPLPETDLJAHCFISGTGVNDPSSAA 120
Db	61 HAEDQODDLELRDSDSTLAPGLTQLNGTRKGSSETPLPETDLJAHCFISGTGVNDPSSAA 120
QY	121 LSLCEGRGAFYLGAFYFIQLPAMSERLTAAPGSKPPAPLQFHLLRRNRQGDYCTC 180
Db	121 LSLCEGRGAFYLGAFYFIQLPAMSERLTAAPGSKPPAPLQFHLLRRNRQGDYCTC 180
QY	181 GVDUDERPRTGKAETEDEGTEGEGDGAQSPODALOGVQOPTGGSIRKRFVSHR 240
Db	181 GVDUDERPRTGKAETEDEGTEGEGDGAQSPODALOGVQOPTGGSIRKRFVSHR 240
QY	241 YVETMLVADQSMAEFRIGSGKLHYLTIFPSVARLYKPISTIRNSVSLVNVKILVTHDQKG 300
Db	241 YVETMLVADQSMAEFRIGSGKLHYLTIFPSVARLYKPISTIRNSVSLVNVKILVTHDQKG 300
QY	301 PRTVSNALTLRNFCWQKQHNPSPDAEHTAIFTRODLOGSCTCDTIGMADGTV 360
Db	301 PRTVSNALTLRNFCWQKQHNPSPDAEHTAIFTRODLOGSCTCDTIGMADGTV 360
QY	361 CDPSSRCSSVIEDGLQAFTAELGHVFNMPHDAAQCASINGVQDQSHMAMSLNL 420
Db	361 CDPSSRCSSVIEDGLQAFTAELGHVFNMPHDAAQCASINGVQDQSHMAMSLNL 420
QY	421 HSQPWSBCSAYMTISFLDNGHGECLMDKPNQPIOLQGDLPGTSYDANRQCOPTFGESKH 480
Db	421 HSQPWSBCSAYMTISFLDNGHGECLMDKPNQPIOLQGDLPGTSYDANRQCOPTFGESKH 480

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CURRENT APPLICATION NUMBER: US/09/568,559
CURRENT FILING DATE: 2000-05-09
PRIOR APPLICATION NUMBER: 60/133,343

OM protein - protein search, using SW model
Run on: March 17, 2006, 17:58:35 ; Search time, 49 Seconds

卷之三

Title: US-10-657-281-2
 Perfect score: 5,93
 Sequence: 1 GNAERAPGSRSGPVPPLL.....CDPLKKPKHFDCTMAECS 949
 Scoring table: BLOSUM62
 Gapop 10.0 , Gapext. 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 listing first 10 summaries

Database	Issued Patents AA:*
1:	/cgn2_6/podata/1/1aa/5_COMB_pep:*
2:	/cgn2_6/podata/1/1aa/6_COMB_pep:*
3:	/cgn2_6/podata/1/1aa/H_COMB_pep:*
4:	/cgn2_6/podata/1/1aa/PCITUS_COMB_pep:*
5:	/cgn2_6/podata/1/1aa/RB_COMB_pep:*
6:	/cgn2_6/podata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match length	DB ID	Query	Description
1	5183	100.0	949	2	US-09-568-559-2
2	5169	99.7	967	2	US-09-130-491-2
3	4287.5	82.7	2	US-09-321-987B-4	
4	3940	76.0	727	2	US-09-445-023A-1
5	3674	70.9	727	2	US-09-445-023A-12
6	3315	64.0	608	2	US-09-130-491-13
7	2812	54.3	551	2	US-09-130-491-16
8	2480.5	47.9	950	2	US-10-009-332-1
9	2332	45.0	887	2	US-09-949-002-534
10	2331.5	45.0	890	2	US-09-949-002-394

ALIGNMENTS

Maximum Match vs
Processing. Maximum Match vs
Listing first 10 summaries

```

use : Issued Patents AA:*
1: /cgn2_6/pctodata/1/iaa/5_COMB.pep:*
2: /cgn2_6/pctodata/1/iaa/6_COMB.pep:*
3: /cgn2_6/pctodata/1/iaa/H_COMB.pep:*
4: /cgn2_6/pctodata/1/iaa/PCTUS_COMB.pep:*
5: /cgn2_6/pctodata/1/iaa/RE_COMB.pep:*
6: /cgn2_6/pctodata/1/iaa/backfilesl.pep:*

```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

No.	Score	Match	Length	DB	ID	Description
1	5183	100.0	949	2	US-09-568-559-2	Sequence 2, Appl1
2	5169	99.7	950	2	US-09-130-911-2	Sequence 2, Appl1
3	4287.5	82.7	950	2	US-09-321-987B-4	Sequence 4, Appl1
4	3940	76.0	727	2	US-09-445-023A-1	Sequence 1, Appl1
5	3674	70.9	727	2	US-09-445-023A-12	Sequence 12, Appl1
6	3315	64.0	608	2	US-09-130-911-13	Sequence 13, Appl1
7	2812	54.3	551	2	US-09-130-911-16	Sequence 16, Appl1
8	2480.5	47.9	950	2	US-10-009-332-1	Sequence 1, Appl1
9	2332	45.0	887	2	US-09-949-002-534	Sequence 534, Appl1
10	2331.5	45.0	890	2	US-09-949-002-394	Sequence 394, Appl1

ALIGNMENTS

; Sequence 2, Application US/09568559
; Patent No. 6649377
; GENERAL INFORMATION:
; APPLICANT: Klonowski, Paul
; APPLICANT: Allard, John
; APPLICANT: Heller, Renu
; APPLICANT: Van Wart, Harold
; TITLE OF INVENTION: Human Aggrecanase and Nucleic Acid
; TITLE OF INVENTION: Compositions Encoding the Same
; FILE REFERENCE: ROCH-002

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OM protein - protein search, using sw model

Run on: March 17, 2006, 17:54:29 ; Search time 48 Seconds

(without alignments)
1902.286 Million cell updates/sec

Title: US-10-667-281-2
Perfect score: 5183
Sequence: 1 GNAERAPGSRSGFPGVPTLIL...CDPLKPKHIFIDRCTMABCS 949

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 283416 seqs, 96216763 residues

Total number of hits satisfying chosen parameters: 283416

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 10 summaries

Database : PIR_80:*

1: pirl:*

2: pir2:*

3: pir3:*

4: pir4:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	4291.5	82.8	951	2 T00017 gene ADAMTS-1 prot hypothetical prote hypothetical prote hypothetical prote procollagen N-end protein C37C3 6a [hypothetical prote angiogenesis inhib hypothetical prote hypothetical prote
2	3074	59.3	550	2 T947158
3	2136	41.2	837	2 T00355
4	311	31.1	2165	2 T2271
5	1118	21.6	1205	2 T18517
6	647	12.5	1558	2 C89114
7	647	12.5	2167	2 T34395
8	634.5	12.2	1444	2 T18856
9	475	9.2	860	2 T16892
10	424.5	8.2	1059	2 T22542

ALIGNMENTS

A;Cross-references: UNIPARC:UPI000049F23; EMBL:AB001735; NID:92809056; PIDN:BA24501.
A;Experimental source: strain 129svt
C;Genetics:
A;Gene: ADAMTS-1
A;Intron: 228/1; 343/3; 388/1; 444/1; 539/3; 602/1; 660/3; 719/2
A;Protein: thrombospondin type 1 repeat homology <THR3>
A;Protein: 8542-599;Domain: thrombospondin type 1 repeat homology <THR3>
A;Reference number: Z14055; MUID:98110583; PMID:9441751
A;Accession: T00017
A;Status: preliminary; translated from GB/EMBL/DDJB
A;Molecule type: DNA
A;Residues: 1-951 <KUN>

QY 1 GNAERAPGSRSGFPGVPTLILAA---LIVSDALGRPSRDERIVPELRAPGKG-T 55
QY 2 GDNVORAKRSRSLSAMLLMLLASITMLCARGAHGHRPTEDEBLVPLSLRAGPHDST 61
Db 56 TRLRHDFQDLDLSLRPDSFLARPFITLNGWGRKGSSETPL-PFTDLAHCFYSTGVNG 113
Db 62 TRLRHDFQDQLHLKQDPSFLACGFTLNGWGRBSEAOHQDPLGSLACFYSCTVNG 121
QY 114 DPSSAALSICEGVGRGAFYLGAEVTPQL-AASRLATTAQGKPPAPLQFHLLRRNR 172
Db 122 DPGSALHSLSCEGVRGAFYLGEEFFIOPAGVATERLAPAVPESASSRPQFHLLRR 181
QY 173 QGDVGTCGGVYDPRPTGAKTEDEBEGEGDGGAQSPDPAQLGQVGOPTGCGSKR 232
Db 182 RGSGGAKRGVNDDEPT-----SDSRPESONTRQNQWVPRDPFPDAGKPSGROSIRK 234
QY 233 KRFVSSHRVETMLYADOSMABRFGSGKLHLLTFSVAARLYKESIRNSVSLWVKIL 292
Db 293 VTHDRGKGPEVTNSALTLTENPNWQKOKHNPSPDRDAERTAIFTTRODGSCOTDTL 352
Db 295 VTFEVQKGPEVTSNALTLTENFCNWQKOKNSPDRPEHTDTLFTRODGSCHTCDTL 354
QY 353 GMADYGTGTCUPSRSCSVIEDGLOAFTTAHLGLTGHVNMHDACKCASICNGVNDSHMM 412
Db 355 GMADYGTGTCUPSRSCSVIEDGLOAFTTAHLGLTGHVNMHDACKCASICNGVNDSHMM 414
QY 413 ASMLSLDHSQPMWSCCSAYMTSFLDNGHECLMDKPKQNTIQLPDLPGTSYDANRQCQ 472
Db 415 ASMUSLDSQWPWCCSAYMTSFLDNGHECLMDKPKQNIQLPDLPGTSYDANRQCQ 474
QY 473 TFGEDSKHCPDAASTCTTWCTGTGSGVLUVCQTKFPPWADGTSCEGGKWCINGKCWNKTH 532
Db 475 TFGEKSCHKCFDAASCTTCTTGCTGTSQGLLVCTKHFPPWADGTSCEGGKWCIGKVNKT 534
QY 533 RKHPTTPEIGSGWMGPGWGDSCRTGCKYQYTMBCDNPVKONGSKYCKSCRKVRTRSCNL 592
Db 535 MKHFMATPVHGSGWPGWPWDSCRTGCKYQYTMBCDNPVKONGSKYCKSCRKVRTRSCNL 594
QY 593 EDCPDNGKTFREFOCAHNFSKASFGSGPAVENIKPKAGVSFKDRCKLICOAKGIGKF 652
Db 595 EDCPDNGKTFREFOCAHNFSKASFGSGPAVENIKPKAGVSFKDRCKLICOAKGIGKF 654
QY 653 FVLOPQKVVDGTPCSPDSTSVCVQGQCKVAGCDR1TDKCKFDKCGVGGNGSTCKRSGS 712
Db 655 FVLOPQKVVDGTPCSPDSTSVCVQGQCKVAGCDR1TDKCKFDKCGVGGNGSTCKRSGS 714
QY 713 VTSARKGYMDITIPTGATNIEVKORNQSRNGSFLAIKAADGTYIINGDYLTSTLHQ 772
Db 715 VTSTRPGYHDITVAGATNIEVKORNQSRNGSFLAIKAADGTYIINGDYLTSTLHQ 774
QY 773 DIMKGKVWLYRSGSAALERIRSFSPLKPLTQVLTGNAIRPKIKVYFUKKGESEN 832
Db 775 DLTTGKTVYSGSASALERIRSFSPLKPLTQVLTGNAIRPKIKVYFUKKGESEN 834
QY 833 AIPPTSAWIEBMECHSCKBGLWQRLVERCDINGQASBCKEKEVKPASTRPCADHPCP 892
Db 835 AIPPTSAWIEBMECHSCKBGLWQRLVERCDINGQASBCKEKEVKPASTRPCADHPCP 894
QY 893 QWQLGESSCSKTKGKYKRSLSKLSLHDGGVLSHECDPLKKPKHIFDCTMABCS 949

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OM protein - protein search, using SW model.

Run on:

March 17, 2006, 17:51:04 ; Search time 242 Seconds

(without alignments)

2765.721 Million cell updates/sec

Title: US-10-667-281-2

Perfect score: 5183

1 GNAERAPGSRSGPVPVTLI.....CDPLKPKHIFIDCTMABCS 949

Scoring table: BLOSUM62

GapOp 10.0 , GapExt 0.5

Searched:

216643 seqs, 705528306 residues

Total number of hits satisfying chosen parameters:

216643

Minimum DB seq length: 0

Maximum DB seq length: 0

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 10 summaries

Database :

UniProt 05.80.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	5169	99.7	1	ATSL_HUMAN
2	5164	99.6	2	QSHY10_HUMAN
3	5161	99.6	2	Q3NE26_HUMAN
4	4750	91.6	911_2	QSR6D5_PONPY
5	4291.5	82.8	1	ATSL_MOUSE
6	4285	82.7	2	Q8BEJ2_RAT
7	4279	82.6	1	ATSL RAT
8	3921.5	75.7	2	Q8HZM8_HORSE
9	3718	71.7	928	2 QSU261_XENLA
10	2512.5	48.5	2	Q5O4Z2_MOUSE

ALIGNMENTS

RESULT 1	ATSL_HUMAN	STANDARD;	PRT;	967 AA.
AC	Q9UH18; Q9NSJ8; Q92K0; Q9UH33; Q9UP80;			
DT	09-May-2000 (Rel. 3.9, Created)			
DT	16-OCT-2001 (Rel. 4.0, Last sequence update)			
DT	13-SEP-2005 (Rel. 4.8, Last annotation update)			
DE	ADAMTS-1 precursor (EC 3.4.4.-) (A disintegrin and metalloproteinase with thrombospondin motifs 1) (ADAM-TS 1) (ADAM-TS 1) (METH1).			
GN	Name=ADAMTS1; Synonyms=KIAA1346, METH1;			
OS	Homo sapiens (Human);			
OC	Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;			
OC	Mammalia; Eutheria; Euarchontoglires; Primates; Cetartiodactyla;			
OC	Homo;			
OX	NCBITaxonID=9606;			
RN	[1]			

NUCLEOTIDE SEQUENCE.

RA Casas C., Pritchard M.A., Estivill X., Arbones M.L.;
RT "Cloning, characterization and mapping on human chromosome 21 of the orthologue of murine Adams-1.";

RL Submitted (JUL-1999) to the EMBL/GenBank/DDBJ databases.

[2] [3]

RP NUCLEOTIDE SEQUENCE, AND FUNCTION.

RC TISSUE=Heart;

RX MEDLINE=93367466; PubMed=10438512; DOI=10.1074/jbc.274.33.23349;

RA Vazquez F., Hastings G., Ortega M.A., Lane T.F., Oikemus S., Lombardo M., Iruela-Arispe M.L.;

RT "METH-1, a human ortholog of ADAMT-1, and MSHR-2 are members of a new family of proteins with angio-inhibitory activity.";

J. Biol. Chem. 274:23349-23357(1999).

NUCLEOTIDE SEQUENCE.

RC TISSUE=Endothelial cell;

RX MEDLINE=2024714; PubMed=10785405;

RA Glienke J., Schmitt A.O., Pilarsky C., Hinzmann B., Weiss B., Rosenthal A., Thierauch K.H.;

RT "Differential gene expression by endothelial cells in distinct angiogenic stases.";

RL Bur. J. Biochem. 267:2820-2830(2000).

RN NUCLEOTIDE SEQUENCE [LARGE SCALE mRNA].

RC TISSUE=Brain;

RX MEDLINE=20181126; PubMed=10718198;

RA Nagase T., Kikuno R., Ishikawa K.-I., Hiroswa M., Ohara O., "Prediction of the coding sequences of unidentified human genes. XVI. The complete sequences of 150 new cDNA clones from brain which code for large proteins in vitro.";

RT DNA Res. 7:65-73(2000).

RN NUCLEOTIDE SEQUENCE [LARGE SCALE GENOMIC DNA].

RC MEDLINE=2028979; PubMed=10830953; DOI=10.1038/35012518;

RA Hattori M., Itoh T., Tanaka T., Watanebe H., Yada T., Park H.-S., Toyoda A., Ishii K., Totsuki Y., Choi D.-K., Groner Y., Soeda E., Ohki M., Takagi T., Sakai Y., Taudien S., Blechschmidt K., Pollay A., Ohnel U., Delabar J., Kumpf K., Lehmann R., Patterson D., Reichwald K., Rump A., Schillihabel M., Schudy A., Zimmermann W., Rosenthal A., Kudo J., Shibusawa K., Kawasaki K., Asakawa S., Shintani A., Sasaki T., Nagamine K., Matsuyama S., Antonarakis S.E., Minoshima S., Shimizu N., Nordsieck G., Hornischer K., Brandt P., Schatzke M., Schoen O., Desario A., Reichelt J., Kauer G., Bloecker H., Ramser J., Beck A., Klages S., Heinig S., Riessemann L., Dagand E., Wehrmeyer S., Borzym K., Gardiner K., Nizetic D., Francis F., Lehrich H., Reinhardt R., Yapo M.-L.; "The DNA sequence of human chromosome 21.";

RT Nature 405:311-319(2000).

RN NUCLEOTIDE SEQUENCE [LARGE SCALE mRNA] OF 418-967.

RC TISSUE=Melanoma;

RG The German cDNA consortium;

RL Submitted (MAR-2000) to the EMBL/GenBank/DBJ databases.

CC -1- FUNCTION: Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover (By similarity). Has angiogenic inhibitor activity. Active metalloprotease which may be associated with various inflammatory processes as well as development of cancer cachexia. May play a critical role in follicular rupture.

CC -1- CATALYTIC ACTIVITY: Cleaves aggrecan at the 1938-Glu1-Leu1939 site, within the chondroitin sulfate attachment domain.

CC -1- COFACTOR: Binds 1 zinc ion per subunit (By similarity).

CC -1- SUBCELLULAR LOCATION: Secreted. Associated with the extracellular matrix (By similarity).

CC -1- DOMAIN: The spacer domain and the TSP type-1 domains are important for a tight interaction with the extracellular matrix.

CC -1- PTM: The precursor is cleaved by a furin endopeptidase (By similarity).

CC -1- SIMILARITY: Contains 1 disintegrin domain.

CC -1- SIMILARITY: Contains 1 peptidase M12B domain.

CC -1- SIMILARITY: Contains 3 TSP type-1 domains.

This Swiss-Prot entry is copyright. It is produced through a collaboration

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Om protein - protein search, using sw model.
Run on: March 17, 2006, 18:09:50 ; Search time 169 Seconds
(without alignments)
2346.272 Million cell updates/sec

Title: US-10-667-281-2

Perfect score: 5183
Sequence: 1 GNAERAPGSRSGPVPPTLIL.....CDPLKKPKHIFIDCTMABCS 949

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 10 summaries

Database : Published Applications AA Main:*

1: /cgn2_6/ptodata/1/pupba/us07_PUBCOMB.pep: *
2: /cgn2_6/ptodata/1/pupba/us08_PUBCOMB.pep: *
3: /cgn2_6/ptodata/1/pupba/us09_PUBCOMB.pep: *
4: /cgn2_6/ptodata/1/pupba/us10_PUBCOMB.pep: *
5: /cgn2_6/ptodata/1/pupba/us10B_PUBCOMB.pep: *
6: /cgn2_6/ptodata/1/pupba/us11_PUBCOMB.pep: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Length	DB ID	Description
1	5183	100.0	949	5	US-10-667-281-2
2	99.8	950	5	US-10-711-600-1605	Sequence 2, Appli
3	99.8	950	5	US-10-973-859-14	Sequence 1605, Appli
4	99.8	967	5	US-10-741-600-1603	Sequence 14, Appli
5	99.8	967	5	US-10-741-600-1604	Sequence 1603, Appli
6	99.8	967	5	US-10-923-053-37	Sequence 1604, Appli
7	99.8	967	5	US-10-756-149-5619	Sequence 37, Appli
8	99.8	950	3	US-09-373-659-2	Sequence 5619, Appli
9	99.7	950	3	US-09-939-687-2	Sequence 2, Appli
10	99.7	967	4	US-10-105-929-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-10-667-281-2
; Sequence 2, Application US/10667281
; Publication No. US20050100916A1
; GENERAL INFORMATION:
; APPLICANT: Klonowski, Paul
; APPLICANT: Allard, John
; APPLICANT: Heller, Renu
; APPLICANT: Van Wart, Harold
; TITLE OF INVENTION: Human Aggrecanase and Nucleic Acid
; FILE REFERENCE: ROCB-002